



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES
Minerals & Mining Program - Oil & Gas Section
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FORM 2

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DEPT OF ENVIRONMENT & NATURAL
RESOURCES - RCRO

APPLICATION FOR PERMIT TO DRILL

Type of work: <input checked="" type="checkbox"/> Drill New Well <input type="checkbox"/> Reenter Well <input type="checkbox"/> Drill Directional Well <input type="checkbox"/> Other _____		Type of well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Injection <input type="checkbox"/> Other _____	
Name and Address of Operator: Prima Exploration Inc. 7555 E. Hampden Ave., Suite 505, Denver, CO 80231		Telephone 303-755-5681	
Name and Address of Surface Owner: Timothy G. & Tracy L. Brown P.O. Box 205, Buffalo, SD 57720			
Name and Address of Drilling Contractor and Rig Number: Cyclone Drilling P.O. Box 908, Gillette, WY 82717-3158			
Surface Location of well: Qtr-Qtr, Sec, Twp, Rge, County, feet from nearest lines of section, and latitude and longitude (if available): 210' FSL & 1600' FEL SW SE Sec 31-22N-4E			
If Directional, top of pay and bottom hole location from nearest lines of section: Top of Pay 8638' BHL(1)660' FNL & 440' FWL Sec NW NW Sec 33-22N-4E BHL(2)2000' FNL & 1700' FEL SW NE Sec 31-22N-4E Acres in Spacing (Drilling) Unit 4,469.7 acres Central Buffalo Red River Unit Order/Case #12-2004			
Well Name and Number CBRRU #44-31H		Elevation 3061.4 GL	Field and Pool, or Wildcat Buffalo
Proposed Depth and Formation 8638' Red River "B"			
Size of Hole 1) 30" 2) 13 1/2" 3) 8 3/4" 4)	Size of Casing 20" 9 5/8" 7"	Weight per Foot 60# 36# 26#, 29#, 32#	Depth 40' 1100' 8637'
Cementing Program (amount, type, additives) Depth 48 yds of Grout 485 sx Premium 770sx Premium Lite & "G"			
Describe Proposed Operations (Clearly State all Pertinent Details, and Give Pertinent Dates, Including Estimated Date of Starting any Proposed Work). Use additional page(s) if appropriate. Plans are to drill a vertical wellbore to the Interlake interval, then build angle to 86 degrees in the direction of 45 degree azimuth. Set and cement 7" csg through the build. Wellbore will be drilled approximately 8086' in the Red River "B" formation. Second lateral will drilled 2873' in the Northerly direction.			
I hereby certify that the foregoing as to any work or operation performed is a true and correct report of such work or operation.			
Signature 		Name (Print) RICH GUNLIKSON	
		Title Operations Mgr	
		Date 8/10/05	
FOR OFFICE USE ONLY			
Approved By:		Title: Oil & Gas Supervisor	
Permit No. 1761		API No. 40 063 20600	
Conditions, if any, on attached page.		Date Issued: 08/23/05	